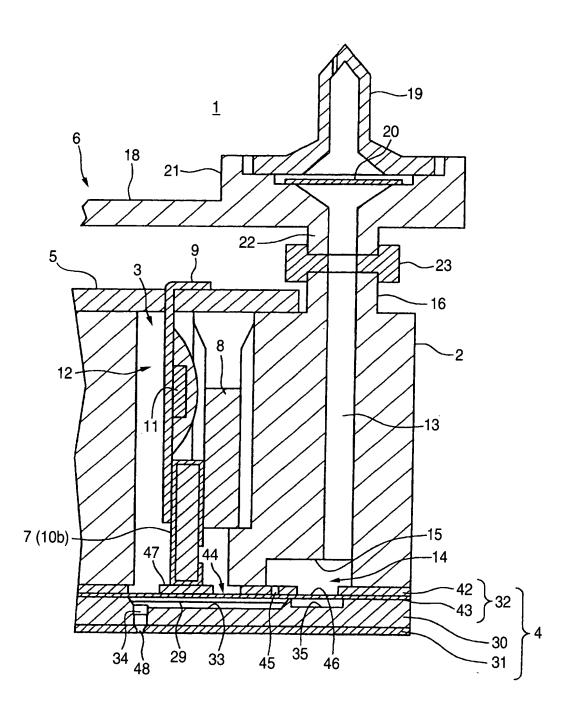


Fujio AKAHANE,et al. Q77088
FORGING PUNCH, MINUTE FORGING......
Darryl Mexic 202-293-7060
February 17, 2004
I of 18

<u>1</u> 18 20 21 23-21 FIG. 1-12 -16 12-13 32 15 30

FIG. 2



Fujio AKAHANE,et al. Q77088
FORGING PUNCH, MINUTE FORGING......
Darryl Mexic 202-293-7060
February 17, 2004
3 of 18

FIG. 3A

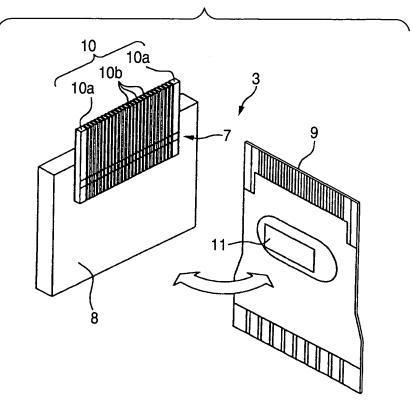
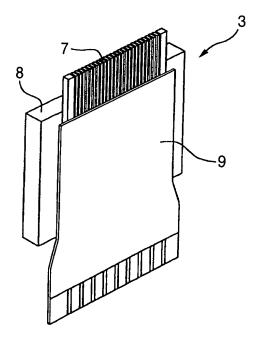


FIG. 3B



Fujio AKAHANE,et al. Q77088
FORGING PUNCH, MINUTE FORGING......
Darryl Mexic 202-293-7060
February 17, 2004
4 of 18

FIG. 4

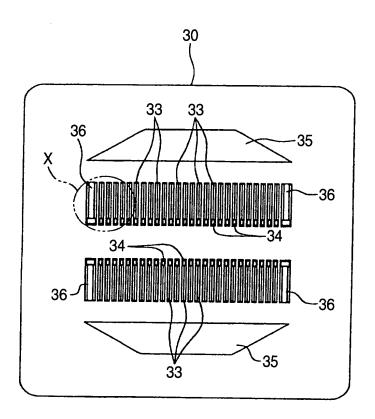
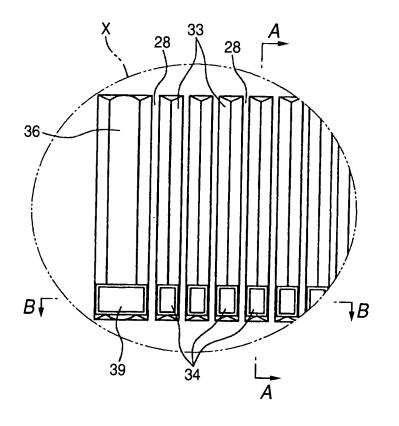


FIG. 5A

FIG. 5B



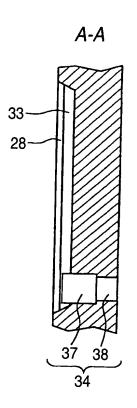
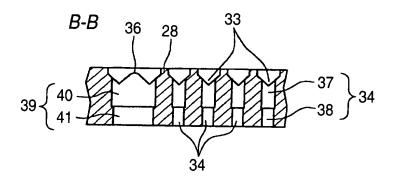
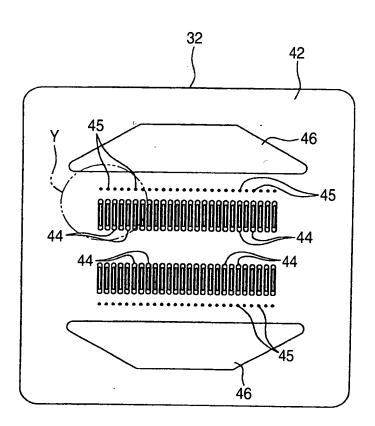


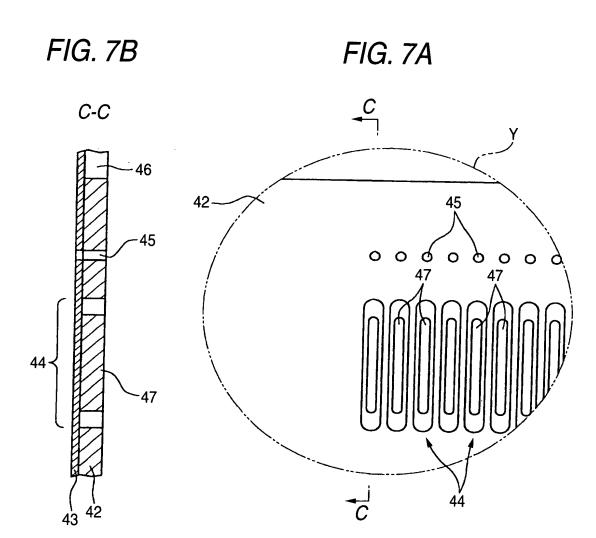
FIG. 5C



Fujio AKAHANE,et al. Q77088
FORGING PUNCH, MINUTE FORGING......
Darryl Mexic 202-293-7060
February 17, 2004
6 of 18

FIG. 6





Fujio AKAHANE,et al. Q77088 FORGING PUNCH, MINUTE FORGING...... Darryl Mexic 202-293-7060 February 1**7**, 2004 8 of 18

FIG. 8A

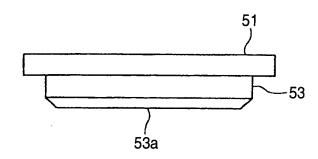


FIG. 8B

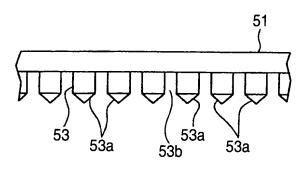


FIG. 9A

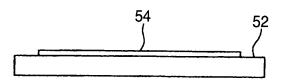
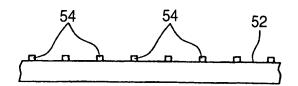


FIG. 9B



Fujio AKAHANE,et al. Q77088
FORGING PUNCH, MINUTE FORGING......
Darryl Mexic 202-293-7060
February 17, 2004
9 of 18

FIG. 10A

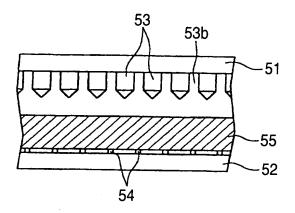


FIG. 10B

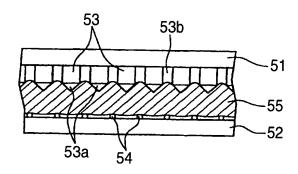
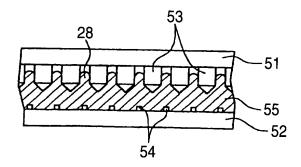
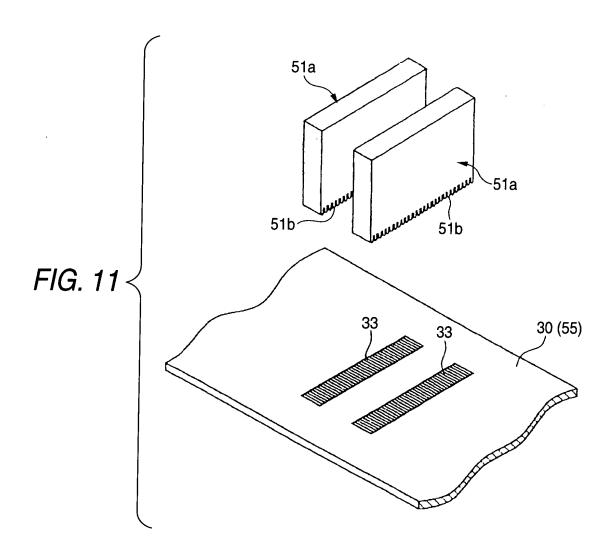


FIG. 10C





Fujio AKAHANE,et al. Q77088 FORGING PUNCH, MINUTE FORGING...... Darryl Mexic 202-293-7060 February 1**7**, 2004

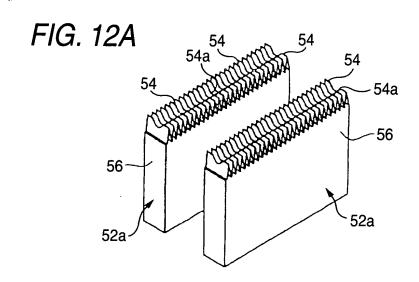


FIG. 12B

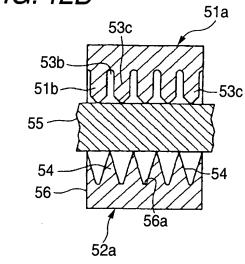


FIG. 12C

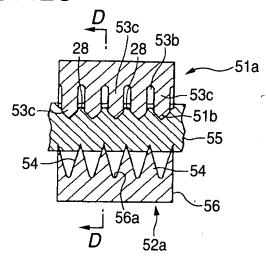


FIG. 12D

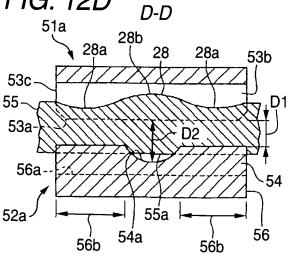
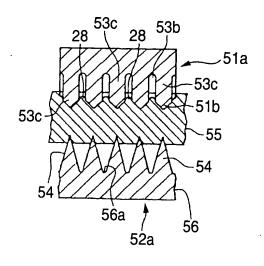


FIG. 12E



Fujio AKAHANE,et al. Q77088
FORGING PUNCH, MINUTE FORGING......
Darryl Mexic 202-293-7060
February 1**7**, 2004
12 of 18

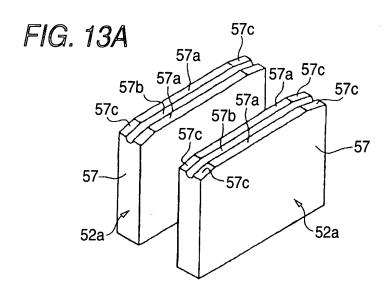
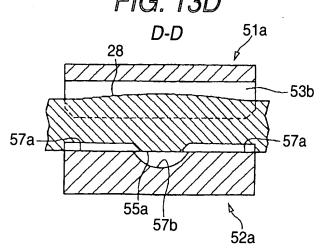


FIG. 13B FIG. 13C 51a 53b 53c 53b 51b 53c 28 51b 55 57a-57a-52a 52a FIG. 13D



Fujio AKAHANE,et al. Q77088
FORGING PUNCH, MINUTE FORGING......
Darryl Mexic 202-293-7060
February 17, 2004
13 of 18

FIG. 14A

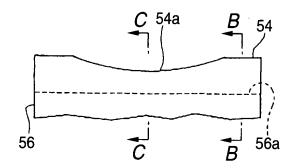


FIG. 14B

B-B

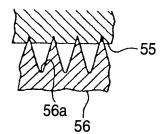


FIG. 14C

C-C

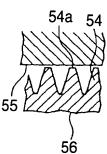
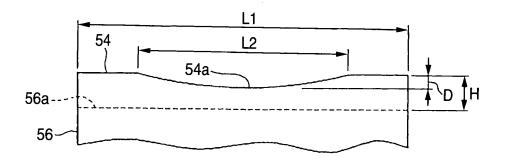


FIG. 15



Fujio AKAHANE,et al. Q77088
FORGING PUNCH, MINUTE FORGING......
Darryl Mexic 202-293-7060
February 17, 2004
14 of 18

FIG. 16A

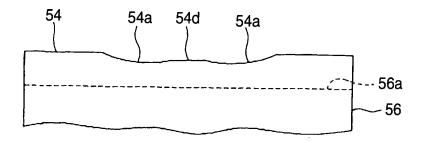
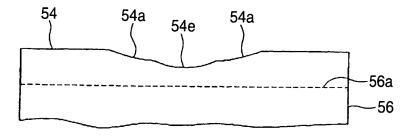


FIG. 16B



Fujio AKAHANE,et al. Q77088
FORGING PUNCH, MINUTE FORGING......
Darryl Mexic 202-293-7060
February 17, 2004
15 of 18

FIG. 17A

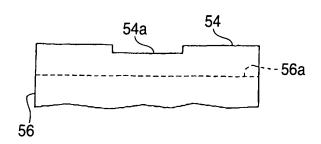


FIG. 17B

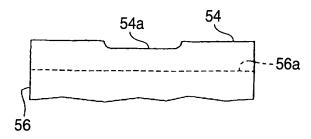


FIG. 17C

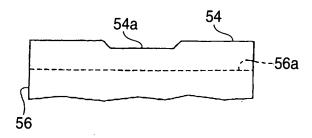


FIG. 17D

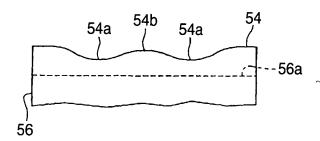


FIG. 17E

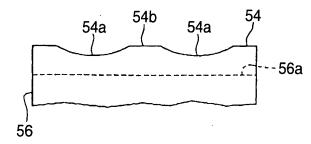
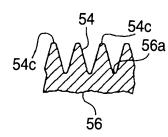


FIG. 17F



Fujio AKAHANE,et al. Q77088
FORGING PUNCH, MINUTE FORGING......
Darryl Mexic 202-293-7060
February 17, 2004
16 of 18

FIG. 18A

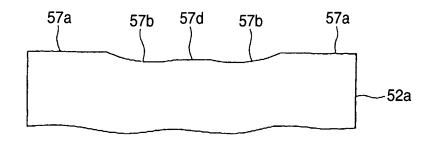


FIG. 18B

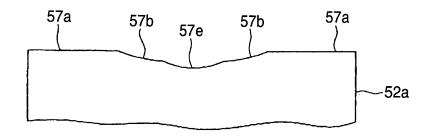
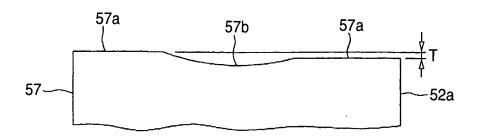


FIG. 19



Fujio AKAHANE,et al. Q77088
FORGING PUNCH, MINUTE FORGING......
Darryl Mexic 202-293-7060
February 17, 2004
17 of 18

FIG. 20A

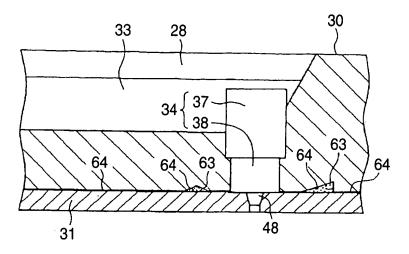


FIG. 20B

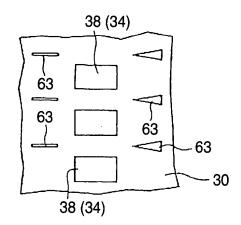


FIG. 20C

